

Author-Title Index

- Abbott T.M.C., see Pasquini L., et al. 290, L17
 Abraham Z., Vilas Boas J.W.S.: The polarized water maser in Orion: A proto-planetary ring? 290, 956
 Agrinier B., see Masnou J.L., et al. 290, 503
 Aksenov A.G., Blinnikov S.I.: A Newton iteration method for obtaining equilibria of rapidly rotating stars 290, 674
 Alissandrakis C.E., see Tsiropoula G., et al. 290, 285
 Allard N.F., see Holweger H., et al. 290, L21
 Alloin D., see Andreasian N. 290, 1019 (107, 23)
 Altwegg K., Balsiger H., Geiss J.: Abundance and origin of the CH_4^+ ions in the coma of comet P/Halley 290, 318
 Alves M.V., see Chian A.C.-L., et al. 290, L13
 Andersson H., Edvardsson B.: Carbon abundances in F and G dwarfs 290, 590
 Andreasian N., Alloin D.: More ultraluminous IRAS galaxies as interacting systems 290, 1019 (107, 23)
 Andrei A.H.: Catalogue-based of optical and radio positions 290, 1020 (107, 51)
 Apparao K.M.V., see Tarafdar S.P. 290, 159
 Argyropoulos S., see Kontizas M., et al. 290, 1021 (107, 77)
 Bagenal F., see Leblanc Y., et al. 290, 660
 Ballester J.L., see Carbonell M., et al. 290, 983
 Balsiger H., see Altwegg K., et al. 290, 318
 Balthasar H., Schmidt W.: Polarimetry and spectroscopy of a simple sunspot. IV. Umbral structures observed in Fe I 1027 nm 290, 649
 Barbuy B., see Meliani M.T., et al. 290, 753
 Barouch E., see Masnou J.L., et al. 290, 503
 Barrado D., Fernández-Figueroa M.J., Montesinos B., De Castro E.: The age-mass relation for chromospherically active binaries. I. The evolutionary status 290, 137
 Bartelmann M., Schneider P., Hasinger G.: Diffuse X-ray emission around high-redshift, radio-loud QSOs 290, 399
 Battinelli P., see Haiman Z., et al. 290, 371
 Beasley A.J., see Frail D.A. 290, 796
 Bedding T.R., Robertson J.G., Marson R.G.: An optical interferometer with wavelength dispersion 290, 340
 Bekki K., Noguchi M.: Gas fueling to the central 10pc in merging galaxies 290, 7
 Bellas-Velidis Y., see Kontizas M., et al. 290, 1021 (107, 77)
 Belloni T., see Pasquini L., et al. 290, L17
 Bennett K., see Carramiñana A., et al. 290, 487
 Berdyugina S.V., see Petrov P.P., et al. 290, 1019 (107, 9)
 Berghöfer T.W., Schmitt J.H.M.M.: A long-term X-ray variability study of the O-type stars σ Orionis and ζ Orionis 290, 435
 Bertaux J.-L., see Quémerais E., et al. 290, 941
 Beust H., see Vidal-Madjar A., et al. 290, 245
 Bhattal A.S., see Whitworth A.P., et al. 290, 421
 Bienaymé O., see Ojha D.K., et al. 290, 771
 Birkle K., see Boehnhardt H. 290, 1021 (107, 101)
 Blinnikov S.I., see Aksenov A.G. 290, 674
 Böhm T., Catala C.: Forbidden lines in Herbig Ae/Be stars: the [O I] (1F) 6300.31 Å and 6363.79 Å lines. I. Observations and qualitative analysis 290, 167
 Boehnhardt H., Birkle K.: Time-variable coma structures in comet P/Swift-Tuttle 290, 1021 (107, 101)
 Böhringer H., see Pierre M., et al. 290, 725
 Boumier P., van der Raay H.B., Roca Cortés T.: Observation of global solar oscillations with a modified optical resonance spectrometer 290, 1022 (107, 177)
 Brocato E., Castellani V., Piersimoni A.M.: Core overshooting and the enigma of NGC 1866 290, 59
 Broeils A.H., van Woerden H.: A search for spiral galaxies with extended H I disks 290, 1021 (107, 129)
 Brown J.C., Wood K.: Inversion of Thomson scattered spectropolarimetric line profiles to yield the velocity structure of rotating or expanding circumstellar discs 290, 634
 Buccheri R., see Carramiñana A., et al. 290, 487
 Buonanno R., Corsi C.E., Buzzoni A., Cacciari C., Ferraro F.R., Fusi Pecci F.: The stellar population of the globular cluster M3. I. Photographic photometry of 10000 stars 290, 69
 Burki G., see Dougherty S.M., et al. 290, 609
 Busetta M., see Carramiñana A., et al. 290, 487
 Buzzoni A., see Buonanno R., et al. 290, 69
 Cacciari C., see Buonanno R., et al. 290, 69
 Carbonell M., Oliver R., Ballester J.L.: A search for chaotic behaviour in solar activity 290, 983
 Carney B.W., see Storm J., et al. 290, 443
 Carramiñana A., Bennett K., Buccheri R., Busetta M., Connors A., Hermsen W., Kuiper L., Lichti G.G., Ryan J., Schönfelder V., Strong A.: On the temporal behaviour of the Crab pulsar as seen by COMPTEL 290, 487
 Casali M.M., see Eiroa C., et al. 290, 599
 Casoli F., see Gerin M. 290, 49
 Castellani V., see Brocato E., et al. 290, 59
 Castellani V., see Martinez Roger C., et al. 290, 62
 Castelli F., see Primas F., et al. 290, 885
 Catala C., see Böhm T. 290, 167
 Cazetta J.O., Maciel W.J.: Location of PN central stars on the HR diagram 290, 936
 Chapman J.M., see Zijlstra A.A., et al. 290, 228
 Chapman S.J., see Whitworth A.P., et al. 290, 421
 Chian A.C.-L., Lopes S.R., Alves M.V.: Generation of auroral whistler-mode radiation via nonlinear coupling of Langmuir waves and Alfvén waves 290, L13

- Christy J.C., see Masnou J.L., et al. 290, 503
- Clariá J.J., Merriilliod J.-C., Piatti A.E., Minniti D.: Photometric and Coravel observations of stars in the open cluster IC 2714 290, 1020 (107, 39)
- Collin-Souffrin S., see Huré J.-M., et al. 290, 19
- Collin-Souffrin S., see Huré J.-M., et al. 290, 34
- Comte R., see Masnou J.L., et al. 290, 503
- Conlon E.S., Dufton P.L., Keenan F.P.: Abundance analysis of the hot post-AGB star Barnard 29 290, 897
- Conlon E.S., see Kendall T.R., et al. 290, 563
- Connors A., see Carramiñana A., et al. 290, 487
- Corsi C.E., see Buonanno R., et al. 290, 69
- Costa E., see Masnou J.L., et al. 290, 503
- Coté J., see Dougherty S.M., et al. 290, 609
- Cramer N., see Dougherty S.M., et al. 290, 609
- Crudace R., see Pierre M., et al. 290, 725
- Cusumano G., see Masnou J.L., et al. 290, 503
- Dahlem M., Dettmar R.-J., Hummel E.: Spatially correlated diffuse H α and radio continuum emission from the halo of NGC 891 290, 384
- Dapergolas A., see Kontizas M., et al. 290, 1021 (107, 77)
- Deleuil M., see Vidal-Madjar A., et al. 290, 245
- Della Valle M., Mirabel I.F., Rodriguez L.F.: The optical and radio counterpart of the X-ray Nova Ophiuchi 1993 290, 803
- Dettmar R.-J., see Dahlem M., et al. 290, 384
- De Castro E., see Barrado D., et al. 290, 137
- de Loore C., see Vanbeveren D. 290, 129
- Dimitrijević M.S., Popović L.Č.: *Erratum* Stark broadening of BiII lines astrophysical interest 290, 1022 (107, 191)
- Disney M.J., see Whitworth A.P., et al. 290, 421
- Donner K.J., Thomasson M.: Structure and evolution of long-lived spiral patterns in galaxies 290, 785
- Dougherty S.M., Waters L.B.F.M., Burki G., Coté J., Cramer N., van Kerkwijk M.H., Taylor A.R.: Near-IR excess of Be stars 290, 609
- Dubath P., Meylan G.: High-resolution kinematical mapping of the core of the globular cluster M 15 \equiv NGC 7078 290, 104
- Dufton P.L., see Conlon E.S., et al. 290, 897
- Dufton P.L., see Kendall T.R., et al. 290, 563
- Dulk G.A., see Leblanc Y., et al. 290, 660
- Dupraz C., see Séguin P. 290, 709
- Dvorak R., see Maindl T.I. 290, 335
- Ebeling H., see Pierre M., et al. 290, 725
- Edvardsson B., Gustafsson B., Johansson S.G., Kiselman D., Lambert D.L., Nissen P.E., Gilmore G.: Boron in the extreme Population II star HD 140283 and the production of light elements in the Early Galaxy 290, 176
- Edvardsson B., see Andersson H. 290, 590
- Eiroa C., Casali M.M., Miranda L.F., Ortiz E.: (RN) S 269-IRS 2: a massive young stellar object powering Herbig-Haro emission 290, 599
- Eisloffel J., see Ray T.P. 290, 605
- Farinella P., see Vokrouhlický D., et al. 290, 324
- Feldman P.D., see Vidal-Madjar A., et al. 290, 245
- Ferlet R., see Vidal-Madjar A., et al. 290, 245
- Fernández-Figueroa M.J., see Barrado D., et al. 290, 137
- Ferraro F.R., see Buonanno R., et al. 290, 69
- Fischer J., see Nisini B., et al. 290, 463
- Fleischer A.J., see Winters J.M., et al. 290, 623
- Fokin A.B., Gillet D.: The shock wave propagation effects in BL Herculis. II. Nonlinear model and theoretical profile of H α 290, 875
- Frail D.A., Beasley A.J.: Stellar OH masers toward globular clusters 290, 796
- Frank A., Noriega-Crespo A.: The collimation of jets and bipolar outflows in young stellar objects: inertial confinement 290, 643
- Frossati G., see Roland J., et al. 290, 364
- Fusi Pecci F., see Buonanno R., et al. 290, 69
- Gäng T., see Stahl O., et al. 290, 1019 (107, 1)
- Gallego J., Zamorano J., Rego M., Vitoras A.G.: Discovery of an emitting ring in the Seyfert I galaxy UCM 2329+2500 290, 705
- Gambis D., see Li Z.X. 290, 1001
- Gauger A., see Krüger D., et al. 290, 573
- Gauger A., see Winters J.M., et al. 290, 623
- Geballe T.R., see Nisini B., et al. 290, 463
- Geiss J., see Altwegg K., et al. 290, 318
- Gerardi G., see Masnou J.L., et al. 290, 503
- Gerin M., Casoli F.: Galaxies with a low gas content in the Coma I cloud of galaxies 290, 49
- Gillet D., see Fokin A.B. 290, 875
- Gillet D., see Huguet E., et al. 290, 510
- Gillet D., see Huguet E., et al. 290, 518
- Gilmore G., see Edvardsson B., et al. 290, 176
- Gnedin O.Y., see Haensel P. 290, 458
- Gopal-Krishna, see Kneib J.P., et al. 290, L25
- Gosset E., see Hutsemekers D., et al. 290, 906
- Grankin K.N., see Petrov P.P., et al. 290, 1019 (107, 9)
- Greaves J.S., Williams P.G.: Characteristics of 'spiral arm' clouds, from CS absorption line observations 290, 259
- Grebel E.K., see Richtler T., et al. 290, 412
- Greenberg J.M., see Kouchi A., et al. 290, 1009
- Greenberg J.M., see Shalabiea O.M. 290, 266
- Groenewegen M.A.T.: A revised model for circumstellar molecular emission 290, 531
- Groenewegen M.A.T.: More (on) red giants with unusual dust shells 290, 207
- Groenewegen M.A.T.: The mass loss rates of OH/IR 32.8-0.3 and OH/IR 44.8-2.3 290, 544
- Gry C., see Vidal-Madjar A., et al. 290, 245
- Gustafsson B., see Edvardsson B., et al. 290, 176
- Haensel P., Gnedin O.Y.: Direct URCA processes involving hyperons and cooling of neutron stars 290, 458
- Hagen-Thorn V.A., see Reshetnikov V.P., et al. 290, 693
- Hagen-Thorn V.A., Yakoleva V.A., Takalo L.O., Sillanpää A.: The variable source responsible for the photometric behaviour of OJ 287 in the IR-optical-UV region during the 1980's 290, 1
- Haiman Z., Magnier E.A., Battinelli P., Lewin W.H.G., van Paradijs J., Hasinger G., Pietsch W., Supper R., Trümper J.: Properties of M 31 OB associations 290, 371
- Hamann W.-R., see Langer N., et al. 290, 819
- Hansteen V.H., Wikstøl Ø.: Transition region lineshifts in the rebound shock spicule model 290, 995
- Hasinger G., see Bartelmann M., et al. 290, 399
- Hasinger G., see Haiman Z., et al. 290, 371
- Hermesen W., see Carramiñana A., et al. 290, 487
- Hobbs L.M., see Vidal-Madjar A., et al. 290, 245
- Holweger H., Koester D., Allard N.F.: Identification of the 1600 Å feature in Lambda Bootis stars 290, L21
- Howarth I.D., see Smith K.C. 290, 868
- Huguet E., Lafon J.-P.J., Gillet D.: Radiative shocks in atomic and molecular stellar-like atmospheres. VI. Influence of the Lyman- α flux on the precursor structure 290, 510
- Huguet E., Lafon J.-P.J., Gillet D.: Radiative shocks in atomic and molecular stellar-like atmospheres. VII. Influence of the excited level of the hydrogen atom: the wake structure 290, 518
- Hummel E., see Dahlem M., et al. 290, 384

- Hummer D.G., see Rybicki G.B. 290, 553
- Hunt L.K., Massi M., Zhekov S.A.: A search for near-infrared variability in LSI+61°303 290, 428
- Hur  J.-M., Collin-Souffrin S., Le Bourlot J., Pineau des For ts G.: Structure of the outer regions of accretion discs in Active Galactic Nuclei: the influence of opacity 290, 34
- Hur  J.-M., Collin-Souffrin S., Le Bourlot J., Pineau des For ts G.: Structure of the outer regions of accretion discs in Active Galactic Nuclei 290, 19
- Hutsem kers D., Van Drom E., Gosset E., Melnick J.: A dusty nebula around the luminous blue variable candidate HD 168625 290, 906
- Jaekel U., see Wanner W., et al. 290, L5
- Jahn K., Schmidt H.U.: Thick penumbra in a magnetostatic sunspot model 290, 295
- Janka H.-Th., M ller E.: Neutron star recoils from anisotropic supernovae 290, 496
- Johansson S.G., see Edvardsson B., et al. 290, 176
- Jordan S., Wolff B., Koester D., Napiwotzki R.: Analysis of ROSAT pointed observations of 15 hot DA white dwarfs 290, 834
- J rgensen U.G., see Kipper T. 290, 148
- Jura M., see Kahane C. 290, 183
- Kahane C., Jura M.: Circumstellar CO around bright oxygen-rich semi-regulars 290, 183
- Kallenrode M.-B., see Wanner W., et al. 290, L5
- Kandrup H.E., Mahon M.E.: Short times characterisations of stochasticity in nonintegrable galactic potentials 290, 762
- Kaufer A., see Stahl O., et al. 290, 1019 (107, 1)
- Keenan F.P., see Conlon E.S., et al. 290, 897
- Keenan F.P., see Kendall T.R., et al. 290, 563
- Kendall T.R., Conlon E.S., Dufton P.L., Keenan F.P.: Ultraviolet Fe III lines in the spectra of high galactic latitude early-type stars 290, 563
- Kipper T., J rgensen U.G.: Chemical composition of the metal-poor carbon star HD 187216 290, 148
- Kiselman D., see Edvardsson B., et al. 290, 176
- Kneib J.P., Melnick J., Gopal-Krishna: The Cl 2236-04 lens cluster. Looking for a third gravitational image? 290, L25
- Koester D., see Holweger H., et al. 290, L21
- Koester D., see Jordan S., et al. 290, 834
- Kontizas E., see Kontizas M., et al. 290, 1021 (107, 77)
- Kontizas M., Kontizas E., Dapergolas A., Argyropoulos S., Bellas-Velidis Y.: Stellar associations in the Large Magellanic Cloud. I. LH 15, LH 47, 48, 49, LH 52, 53, LH 83, LH 91, 95 290, 1021 (107, 77)
- Kouchi A., Yamamoto T., Kozasa T., Kuroda T., Greenberg J.M.: Conditions for condensation and preservation of amorphous ice and crystallinity of astrophysical ices 290, 1009
- Kozasa T., see Kouchi A., et al. 290, 1009
- Kr ger D., Gauger A., Sedlmayr E.: Two-fluid models for stationary dust-driven winds. I. Momentum and energy balance 290, 573
- Kuiper L., see Carrami ana A., et al. 290, 487
- Kuroda T., see Kouchi A., et al. 290, 1009
- Lafon J.-P.J., see Huguet E., et al. 290, 510
- Lafon J.-P.J., see Huguet E., et al. 290, 518
- Lagrange-Henri A.-M., see Vidal-Madjar A., et al. 290, 245
- Lallement R., see Qu merais E., et al. 290, 941
- Lambert D.L., see Edvardsson B., et al. 290, 176
- Langer N., Hamann W.-R., Lennon M., Najarro F., Pauldrach A.W.A., Puls J.: Towards an understanding of very massive stars. A new evolutionary scenario relating O stars, LBVs and Wolf-Rayet stars 290, 819
- Lanza A.F., Rodon  M., Zappal  R.A.: Fourier analysis of spotted star light curves as a tool to detect stellar differential rotation. II. Spots' evolution and binarity 290, 861
- Latham D.W., see Storm J., et al. 290, 443
- Leblanc Y., Dulk G.A., Bagenal F.: On Io's excitation and the origin of Jupiter's decametric radiation 290, 660
- Lemoine D., see Masnou J.L., et al. 290, 503
- Lennon M., see Langer N., et al. 290, 819
- Lewin W.H.G., see Haiman Z., et al. 290, 371
- Le Bourlot J., see Hur  J.-M., et al. 290, 19
- Le Bourlot J., see Hur  J.-M., et al. 290, 34
- Li X.-Q., Zhang Z., Smartt R.N.: Magnetic reconnection theory for coronal loop interaction 290, 963
- Li Z.X., Gambis D.: Relationship between the astrometric z-term, the Earth rotation and the southern oscillation index 290, 1001
- Lichti G.G., see Carrami ana A., et al. 290, 487
- Lissauer J.J., see Vidal-Madjar A., et al. 290, 245
- Lopes I., Turck-Chi ze S.: The second order asymptotic theory for the solar and stellar low degree acoustic mode predictions 290, 845
- Lopes S.R., see Chian A.C.-L., et al. 290, L13
- Loup C., see Zijlstra A.A., et al. 290, 228
- Lu T., Wei D.M., Song L.M.: (RN) The γ -ray pulsars and the generation order parameter 290, 815
- Ludwig K., Meyer-Hofmeister E., Ritter H.: Systematics of dwarf nova outbursts: a parameter study in the framework of the disk-instability model 290, 473
- MacGillivray H., see Pierre M., et al. 290, 725
- Maciel W.J., see Cazetta J.O. 290, 936
- Magnier E.A., see Haiman Z., et al. 290, 371
- Mahon M.E., see Kandrup H.E. 290, 762
- Maindl T.I., Dvorak R.: On the dynamics of the relativistic restricted three-body problem 290, 335
- Maiolino R., Stanga R., Salvati M., Rodr guez Espinosa M.: NGC 5506: physics of the extended narrow line region 290, 40
- Mandrou P., see Masnou J.L., et al. 290, 503
- Marchal J., see Michard R. 290, 1022 (107, 187)
- Marson R.G., see Bedding T.R., et al. 290, 340
- Martinez Roger C., Paez E., Castellani V., Straniero O.: The luminosity function of stars in the intermediate age open cluster NGC 7789 290, 62
- Masnou J.L., Agrinier B., Barouch E., Comte R., Costa E., Christy J.C., Cusumano G., Gerardi G., Lemoine D., Mandrou P., Massaro E., Matt G., Mineo T., Niel M., Olive J.F., Parlier B., Sacco B., Salvati M., Scarsi L.: The radio-gamma time delay of the Crab pulsar 290, 503
- Massaro E., see Masnou J.L., et al. 290, 503
- Massi M., see Hunt L.K., et al. 290, 428
- Matt G., see Masnou J.L., et al. 290, 503
- McClintock J.E., see van Paradijs J. 290, 133
- McGrath M.A., see Vidal-Madjar A., et al. 290, 245
- McPhate J.B., see Vidal-Madjar A., et al. 290, 245
- Meliani M.T., Barbuy B., Richtler T.: Carbon abundances in the LMC globular cluster NGC 1818 290, 753
- Mellema G.: The gasdynamic evolution of spherical planetary nebulae. Radiation-gasdynamics of PNe III 290, 915
- Melnick J., see Hutsem kers D., et al. 290, 906
- Melnick J., see Kneib J.P., et al. 290, L25
- Melnikov S.Y., see Petrov P.P., et al. 290, 1019 (107, 9)
- Mermilliod J.-C., see Clari  J.J., et al. 290, 1020 (107, 39)
- Meyer-Hofmeister E., see Ludwig K., et al. 290, 473
- Meylan G., see Dubath P. 290, 104

- Michard R., Marchal J.: *Erratum* Quantitative morphology of E-SO galaxies. III. Coded and parametric description of 108 galaxies in a complete sample **290**, 1022 (**107**, 187)
- Mignard F., see Vokrouhlický D., et al. **290**, 324
- Mineo T., see Masnou J.L., et al. **290**, 503
- Minniti D., see Clariá J.J., et al. **290**, 1020 (**107**, 39)
- Mirabel I.F., see Della Valle M., et al. **290**, 803
- Miranda L.F., see Eiroa C., et al. **290**, 599
- Mohan V., see Ojha D.K., et al. **290**, 771
- Molaro P., see Primas F., et al. **290**, 885
- Molowny-Horas R.: Modelling of geometric transformations of solar images **290**, 1021 (**107**, 121)
- Montesinos B., see Barrado D., et al. **290**, 137
- Moos H.W., see Vidal-Madjar A., et al. **290**, 245
- Morris S.L., Naftilan S.A.: Determining photometric dead time by using hydrogen filters **290**, 1020 (**107**, 71)
- Mouradian Z., Soru-Escut I.: A new analysis of the butterfly diagram for solar filaments **290**, 279
- Müller E., see Janka H.-Th. **290**, 496
- Naftilan S.A., see Morris S.L. **290**, 1020 (**107**, 71)
- Najjarro F., see Langer N., et al. **290**, 819
- Napiwotzki R., see Jordan S., et al. **290**, 834
- Nguyen-Q-Rieu, see Wootten A., et al. **290**, 198
- Niel M., see Masnou J.L., et al. **290**, 503
- Nisini B., Smith H.A., Fischer J., Geballe T.R.: NGC 2024-IRS 2: an outburst in its near-infrared line and continuum emission **290**, 463
- Nissen P.E., see Edvardsson B., et al. **290**, 176
- Noguchi M., see Bekki K. **290**, 7
- Noriega-Crespo A., see Frank A. **290**, 643
- Ojha D.K., Bienaymé O., Robin A.C., Mohan V.: A multicolor survey of absolute proper motions: galactic structure and kinematics in the direction of the galactic center at intermediate latitude **290**, 771
- Olano C.A., Walmsley C.M., Wilson T.L.: Molecular line observations of a comet-shaped cloud (LBN 437) in the Lacerta OB1 association **290**, 235
- Olive J.F., see Masnou J.L., et al. **290**, 503
- Oliver R., see Carbonell M., et al. **290**, 983
- Ortiz E., see Eiroa C., et al. **290**, 599
- Paez E., see Martinez Roger C., et al. **290**, 62
- Paleologou E., see Xilouris K.M., et al. **290**, 639
- Papamastorakis J., see Xilouris K.M., et al. **290**, 639
- Parlier B., see Masnou J.L., et al. **290**, 503
- Pasquini L., Belloni T., Abbott T.M.C.: Optical identification of two soft ROSAT sources in the old open cluster M67 **290**, L17
- Pasquini L., see Spite M., et al. **290**, 217
- Pauldrach A.W.A., see Langer N., et al. **290**, 819
- Petrov P.P., Shcherbakov V.A., Berdyugina S.V., Shevchenko V.S., Grankin K.N., Melnikov S.Y.: Photometric and spectroscopic observations of the spotted T Tauri star V 410 Tauri **290**, 1019 (**107**, 9)
- Piatti A.E., see Clariá J.J., et al. **290**, 1020 (**107**, 39)
- Pierre M., Böhringer H., Ebeling H., Voges W., Schuecker P., Cruddace R., MacGillivray H.: Optical observations of a ROSAT sample of clusters of galaxies. I. Techniques and X-ray/optical analysis **290**, 725
- Piersimoni A.M., see Brocato E., et al. **290**, 59
- Pietsch W., see Haiman Z., et al. **290**, 371
- Pineau des Forêts G., see Huré J.-M., et al. **290**, 19
- Pineau des Forêts G., see Huré J.-M., et al. **290**, 34
- Pols O.R.: Case A evolution of massive close binaries: formation of contact systems and possible reversal of the supernova order **290**, 119
- Popović L.C., see Dimitrijević M.S. **290**, 1022 (**107**, 191)
- Pourbaix D.: A trial-and-error approach to the determination of the orbital parameters of visual binaries **290**, 682
- Predehl P., Trümper J.: ROSAT observation of the Sgr A region **290**, L29
- Primas F., Molaro P., Castelli F.: Abundances of four very metal-poor stars of the BPS survey **290**, 885
- Puls J., see Langer N., et al. **290**, 819
- Quémérais E., Bertaux J.-L., Sandel B.R., Lallement R.: A new measurement of the interplanetary hydrogen density with ALAE/ATLAS 1 **290**, 941
- Ray T.P., Eislöffel J.: Optical outflows in the vicinity of the southern Herbig Ae/Be star vdB 65b **290**, 605
- Rego M., see Gallego J., et al. **290**, 705
- Reich W., see Xilouris K.M., et al. **290**, 639
- Reshetnikov V.P., Hagen-Thorn V.A., Yakovleva V.A.: Photometric study of polar-ring galaxies. I. UGC 7576 and UGC 9796 **290**, 693
- Richter O.-G., Sancisi R.: Asymmetries in disk galaxies. How often? How strong? **290**, L9
- Richtler T., Grebel E.K., Seggewiss W.: The cases of the "disk" globular clusters NGC 6496, NGC 6624, and NGC 6637 **290**, 412
- Richtler T., see Meliani M.T., et al. **290**, 753
- Rimmele T.R.: On the temporal behaviour of the Evershed effect **290**, 972
- Ritter H., see Ludwig K., et al. **290**, 473
- Robertson J.G., see Bedding T.R., et al. **290**, 340
- Robin A.C., see Ojha D.K., et al. **290**, 771
- Roca Cortés T., see Boumier P., et al. **290**, 1022 (**107**, 177)
- Rodonò M., see Lanza A.F., et al. **290**, 861
- Rodríguez Espinosa M., see Maiolino R., et al. **290**, 40
- Rodríguez L.F., see Della Valle M., et al. **290**, 803
- Roland J., Frossati G., Teyssier R.: On the origin of extragalactic γ -ray bursts **290**, 364
- Roland J., Teyssier R., Roos N.: On the origin of the variability of superluminal radio sources similar to 3C 273 **290**, 357
- Roos N., see Roland J., et al. **290**, 357
- Ryan J., see Carramiñana A., et al. **290**, 487
- Rybicki G.B., Hummer D.G.: An accelerated lambda iteration method for multilevel radiative transfer. III. Noncoherent electron scattering **290**, 553
- Sacco B., see Masnou J.L., et al. **290**, 503
- Salvati M., see Maiolino R., et al. **290**, 40
- Salvati M., see Masnou J.L., et al. **290**, 503
- Sancisi R., see Richter O.-G. **290**, L9
- Sandel B.R., see Quémérais E., et al. **290**, 941
- Saraph H.E., Tully J.A.: Atomic data from the IRON project. IV. Electron excitation of the $^2P^{\circ}_{3/2}$ - $^2P^{\circ}_{1/2}$ fine structure transition in fluorine-like ions **290**, 1019 (**107**, 29)
- Sault R.J.: An analysis of visibility-based continuum subtraction **290**, 1020 (**107**, 55)
- Scarsi L., see Masnou J.L., et al. **290**, 503
- Schlickeiser R., see Wanner W., et al. **290**, L5
- Schmidt H.U., see Jahn K. **290**, 295
- Schmidt W., see Balthasar H. **290**, 649
- Schmieder B., see Tsiropoulou G., et al. **290**, 285
- Schmitt J.H.M.M., see Berghöfer T.W. **290**, 435
- Schneider P., see Bartelmann M., et al. **290**, 399
- Schönfelder V., see Carramiñana A., et al. **290**, 487
- Schuecker P., see Pierre M., et al. **290**, 725
- Sedlmayr E., see Krüger D., et al. **290**, 573
- Sedlmayr E., see Winters J.M., et al. **290**, 623
- Seggewiss W., see Richtler T., et al. **290**, 412
- Séguin P., Dupraz C.: Dynamical friction in head-on galaxy collisions. I. Analytical calculations and restricted three-body simulations **290**, 709

- Shalabiea O.M., Greenberg J.M.: Two key processes in dust/gas chemical modelling: photoprocessing of grain mantles and explosive desorption **290**, 266
- Shcherbakov V.A., see Petrov P.P., et al. **290**, 1019 (**107**, 9)
- Shevchenko V.S., see Petrov P.P., et al. **290**, 1019 (**107**, 9)
- Sillanpää A., see Hagen-Thorn V.A., et al. **290**, 1
- Smartt R.N., see Li X.-Q., et al. **290**, 963
- Smith H.A., see Nisini B., et al. **290**, 463
- Smith K.C., Howarth I.D.: Helium chemistry of ONC supergiants **290**, 868
- Sokolov N., see Xilouris K.M., et al. **290**, 639
- Song L.M., see Lu T., et al. **290**, 815
- Soru-Escut I., see Mouradian Z. **290**, 279
- Spite F., see Spite M., et al. **290**, 217
- Spite M., Pasquini L., Spite F.: Lithium in old binary stars **290**, 217
- Stahl O., Wolf B., Gäng T., Kaufer A., Szeifert T., Zhao F.: Long-term spectroscopic monitoring of P Cygni-type stars. II. Spectroscopic variations of P Cygni during 1990–1992 **290**, 1019 (**107**, 1)
- Stanga R., see Maiolino R., et al. **290**, 40
- Stellmacher G., Wiehr E.: The H α and H β emissions in solar prominence structures **290**, 655
- Stenholm L.: Silicate dust discs as sources of the AGN IR-emission **290**, 393
- Storm J., Carney B.W., Latham D.W.: Distances and luminosities for RR Lyrae stars in M 5 and M 92 from a Baade-Wesselink analysis **290**, 443
- Straniero O., see Martinez Roger C., et al. **290**, 62
- Strong A., see Carramiñana A., et al. **290**, 487
- Supper R., see Haiman Z., et al. **290**, 371
- Szeifert T., see Stahl O., et al. **290**, 1019 (**107**, 1)
- Takalo L.O., see Hagen-Thorn V.A., et al. **290**, 1
- Tarafdar S.P., Apparao K.M.V.: Fe II-line emission from Be stars **290**, 159
- Taylor A.R., see Dougherty S.M., et al. **290**, 609
- Teyssier R., see Roland J., et al. **290**, 357
- Teyssier R., see Roland J., et al. **290**, 364
- Thomasson M., see Donner K.J. **290**, 785
- Trümper J., see Haiman Z., et al. **290**, 371
- Trümper J., see Predehl P. **290**, L29
- Truong-Bach, see Wootten A., et al. **290**, 198
- Tsiropoula G., Alissandrakis C.E., Schmieder B.: Time evolution of fine structures in the solar chromosphere **290**, 285
- Tully J.A., see Saraph H.E. **290**, 1019 (**107**, 29)
- Turck-Chièze S., see Lopes I. **290**, 845
- Turner J.A., see Whitworth A.P., et al. **290**, 421
- van der Raay H.B., see Boumier P., et al. **290**, 1022 (**107**, 177)
- Van Drom E., see Hutsemékers D., et al. **290**, 906
- van Kerkwijk M.H., see Dougherty S.M., et al. **290**, 609
- van Paradijs J., see Haiman Z., et al. **290**, 371
- van Woerden H., see Broeils A.H. **290**, 1021 (**107**, 129)
- Vanbeveren D., de Loore C.: The evolution of the mass gainer in massive close binaries **290**, 129
- van Hoof P.A.M., see Zijlstra A.A., et al. **290**, 228
- van Paradijs J., McClintock J.E.: Absolute visual magnitudes of low-mass X-ray binaries **290**, 133
- Vidal-Madjar A., Lagrange-Henri A.-M., Feldman P.D., Beust H., Lissauer J.J., Deleuil M., Ferlet R., Gry C., Hobbs L.M., McGrath M.A., McPhate J.B., Moos H.W.: HST-GHRS observations of β Pictoris: additional evidence for infalling comets **290**, 245
- Vilas Boas J.W.S., see Abraham Z. **290**, 956
- Vitores A.G., see Gallego J., et al. **290**, 705
- Voges W., see Pierre M., et al. **290**, 725
- Vokrouhlický D., Farinella P., Mignard F.: Solar radiation pressure perturbations for Earth satellites. III. Global atmospheric phenomena and the albedo effect **290**, 324
- Wagenhuber J., Weiss A.: Termination of AGB-evolution by hydrogen recombination **290**, 807
- Walmsley C.M., see Olano C.A., et al. **290**, 235
- Wanner W., Jaekel U., Kallenrode M.-B., Wibberenz G., Schlickeiser R.: Observational evidence for a spurious dependence of slab QLT proton mean free paths on the magnetic field angle **290**, L5
- Waters L.B.F.M., see Dougherty S.M., et al. **290**, 609
- Wei D.M., see Lu T., et al. **290**, 815
- Weiss A., see Wagenhuber J. **290**, 807
- Whitworth A.P., Bhattal A.S., Chapman S.J., Disney M.J., Turner J.A.: Fragmentation of shocked interstellar gas layers **290**, 421
- Wibberenz G., see Wanner W., et al. **290**, L5
- Wiehr E., see Stellmacher G. **290**, 655
- Wikstøl Ø., see Hansteen V.H. **290**, 995
- Williams P.G., see Greaves J.S. **290**, 259
- Wilson T.L., see Olano C.A., et al. **290**, 235
- Winters J.M., Fleischer A.J., Gauger A., Sedlmayr E.: Circumstellar dust shells around long-period variables. II. Theoretical lightcurves of C-stars **290**, 623
- Wolf B., see Stahl O., et al. **290**, 1019 (**107**, 1)
- Wolff B., see Jordan S., et al. **290**, 834
- Wood K., see Brown J.C. **290**, 634
- Wootten A., Nguyen-Q-Rieu, Truong-Bach: Images of low excitation HC₃N emission from IRC+10°216 **290**, 198
- Xiang S.P.: Galaxy formation in dark matter models **290**, 349
- Xilouris K.M., Papamastorakis J., Sokolov N., Paleologou E., Reich W.: Discovery of the new emission nebula G 4.4+6.4 **290**, 639
- Yakoleva V.A., see Hagen-Thorn V.A., et al. **290**, 1
- Yakovleva V.A., see Reshetnikov V.P., et al. **290**, 693
- Yamamoto T., see Kouchi A., et al. **290**, 1009
- Zamorano J., see Gallego J., et al. **290**, 705
- Zappalà R.A., see Lanza A.F., et al. **290**, 861
- Zhang Z., see Li X.-Q., et al. **290**, 963
- Zhao F., see Stahl O., et al. **290**, 1019 (**107**, 1)
- Zhekov S.A., see Hunt L.K., et al. **290**, 428
- Zijlstra A.A., van Hoof P.A.M., Chapman J.M., Loup C.: Radio and infrared emission from a [WC]-type planetary nebula in the LMC **290**, 228